

Work Order ID 151316***151316***

Page 1

Wednesday, September 21, 2016 8:15:36 AM

Item ID: D4121-5 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Hose Assembly
Start Date: 9/21/2016 Start Qty: 5.00 ***5*** Cust Item ID:
Required Date: 10/5/2016 Req'd Qty: 5.00 ***5*** Customer:
Reference: **DAS 21 9-29**

Approvals: Process Plan: **DAS 21 9-29** Date: **SEP 21 2016** Tooling: Date: Run Start ***NR1***
QC: Date: SPC (Y/N): Date: Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
D4121	D

100

0.00

100

Purchasing

PURCHASING

Memo

0.00

Create D2729-1 label and include with W/O

Issue P/O: **33738**

Hose Assembly as per Dwg D4121

Possible Supplier: API

Material release note is required

5 SEP 22 2016**DAS 13 9-29**

110

0.00

110

Packaging

Receive & Inspect for Damage & Mat'l Certs

Memo

0.02

Ensure Material Release Note is attached

5xSp110-9-28

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																																																	
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Work Order ID 151316***151316***

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Wednesday, September 21, 2016 8:15:36 AM

Item ID: D4121-5

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Hose Assembly

Start Date: 9/21/2016 Start Qty: 5.00

5

Cust Item ID:

Required Date: 10/5/2016 Req'd Qty: 5.00

5

Customer:

Reference:

Approvals:

Process Plan: _____

Date: _____

Tooling: _____

Date: _____

Run Start ***NR1***

QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop ***NR2***Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

120

QC6- Inspect dimensions to drawing

0.00

120

QC

Memo

0.00

Quality Control

(5)

JAS
38
9-29

SEP 29 2016

130

Small Fab

0.00

130

Small Fab

Memo

0.10

Small Fab

Install D2729-1 as per Dwg D4121
using D2182-045 Heat Shrink
Batch: **3112922**

5

FF

SEP 29 2016

140

QC5- Inspect part completeness to step on W/O

0.00

140

QC

Memo

0.02

Quality Control

(5)

JAS
38
9-29

SEP 30 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Work Order ID 151316***151316***

Page 3

Wednesday, September 21, 2016 8:15:36 AM

Item ID: D4121-5

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Hose Assembly

Start Date: 9/21/2016 Start Qty: 5.00

5

Cust Item ID:

Required Date: 10/5/2016 Req'd Qty: 5.00

5

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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150

Identify as per dwg & Stock Location: St2B3

0.00

150

Packaging

Memo

0.01

Packaging

S **DAS**
6
9-89

SEP 30 2016

160

QC21- Final Inspection - Work Order Release

0.00

160

QC

Memo

0.08

Quality Control

DAS
21
9-89

OCT 03 2016

SEP 30 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
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OTHER : _____					

Picklist Print

Wednesday, September 21, 2016 8:15:39 AM

Page 1

Work Order ID: 151316

151316

Parent Item: D4121-5

D4121-5

Parent Item Name: Hose Assembly

Start Date: 9/21/2016

Required Date: 10/5/2016

Start Qty: 5.00

Required Qty: 5.00

Comments: IPP REV:A NEW ISSUE 10-10-05 JLM VERIFIED BY:DD IPP
REV:B AS PER ECN 11-598 11-06-05 JLM VERF:DD IPP REV:C
11.11.16 AS PER DWG REV.D DD VERF:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
156062D1054D000		Purchased	No			110	Each	0.0000	1	5			
156062D1054D000									**				
Hose Assembly													
D2182-045		Manufactured	No			130	Each	0.0000	1	5			
D2182-045									**				
Heat Shrink 4.5" Long													
D2729-1		Manufactured	Yes			130	Each	0.0000	1	5			
D2729-1									**				
Part Id Label (Re-Issue)													

5x SP169-28

112922

5 FF

SEP 29 2016

5 FF

SEP 29 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

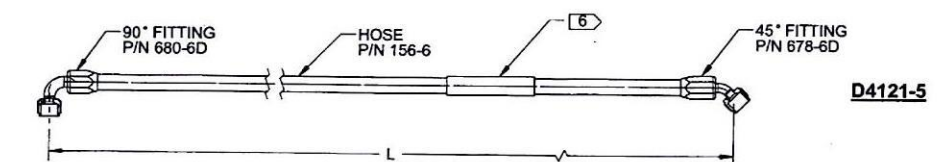
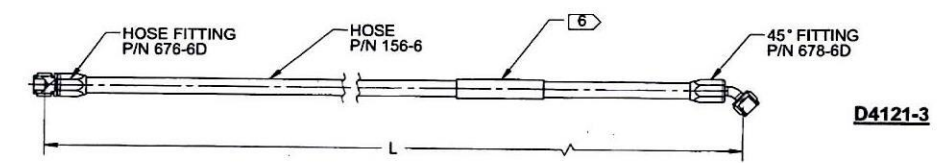
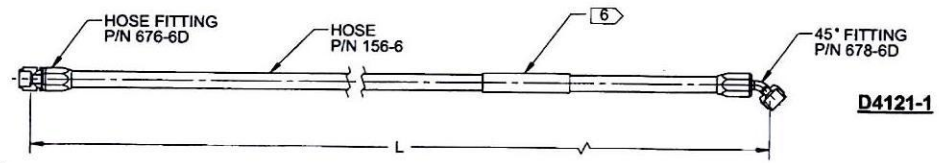
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Work Order update only ☐

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OTHER : _____																																																																							

8 7 6 5 4 3 2 1

HOSE SPECIFICATION			
DART P/N	STRATOFLEX P/N	VENDOR	L
D4121-1	156003-6D0274	API/ AVIAL	27.50
D4121-3	156003-6D0590	API/ AVIAL	59.00
D4121-5	156062D1054D000	API/ AVIAL	105.50



SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 151316 MLC
10-09-21

RELEASED
2011-11-16
MB

- NOTES:
1) MATERIAL: N/A
2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: IDENTIFY WITH DART P/N & B/N USING D2729-1 LABEL INSTALLED WITH D2182-045 HEAT SHRINK
7) WEIGHT: N/A
8) STAINLESS STEEL COVERING TO HAVE MINIMUM THICKNESS OF 0.015"

D	P/N 156003-6D0590 WAS 156003-6D0570 (ZN D2-1)	RF	11.11.14
C	ADD P/N 156062D1054D000 TO D4121-5	RF	11.07.27
B	P/N 676-6D WAS P/N 678-6S (ZN C4-1, 84-1); P/N 676-8D WAS 678-6S (ZN D8-1, C8-1); P/N 680-6D WAS P/N 680-6S (ZN B8-1); UPDATE STRATOFLEX P/N (ZN C2-1); UPDATE NOTE 8	RF	11.03.07
A	NEW ISSUE	RF	10.09.16
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE USA, INC. KENT, WA	
DRAWN	RF		
CHECKED	RF	DRAWING NO.	REV. D
MFG. APPR.	RF	D4121	SHEET 1 OF 1
APPROVED	RF	TITLE	SCALE
DE APPR.	RF	HOSE ASSEMBLIES	NTS
DATE	11.11.14	COPYRIGHT © 2010 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR TRANSMITTED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.	

8 7 6 5 4 3 2 1

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																																	
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OTHER :																																																																					



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO33738**

Purchase Order Date 9/22/2016

PO Print Date 9/26/2016

Page Number 1 of 5

Order From :
AVIALL
PO BOX 842275

DALLAS, TX 75284-2275
USA

VU-AVI003

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

REVISED

Contact Name
Vendor Phone 905-676-1695

Ship To Contact
Ship To Phone
Ship Via: FedEx Overnight collect
Ship Acct:

Buyer
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency USD
FOB EXW - (Ex Works)

m13546

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	156003-6D0274 AS PER DWG D4121 REV. D B151314	Hose Assembly	9/29/2016 Yes 9/29/2016		10.00 Each	\$202.62	\$2,026.20
Line Total:							\$2,026.20
2	156003-6D0590 ASPER DWG D4121 REV. D B151315	Hose Assembly	9/29/2016 Yes 9/29/2016		5.00 Each	\$242.55	\$1,212.75
Line Total:							\$1,212.75
3	<u>156062D1054D000</u> <u>AS PER DWG D4121 REV. D</u> <u>B151316</u>	Hose Assembly ✓	9/29/2016 Yes 9/29/2016		<u>5.00</u> Each	\$439.80	\$2,199.00

PO Instructions: Fedex Acc#151793240

Note:

8016-9-28

9/26/2016



PACKING LIST



DELIVERY NUMBER: 8003602752

ROUTE: US FedEx International Priority

PAGE: 1 OF 1
DATE: 27SEP16
TIME: 14:44:00
EMP: 00000000
ORD TYP: ZOR 169
CURRENCY: USD
TERMS: Net 30

CUSTOMER PO: PO33738
ORDER NUMBER: 1002495278
ORDER DATE: 23SEP16

10003952
DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY ON K6A 1K7
CANADA

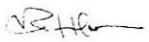
S 10003952
H DART AEROSPACE LTD
I 1270 ABERDEEN STREET
P HAWKESBURY ON K6A 1K7
T CANADA
O

S 1009
H AVIALl DALLAS HOSE SHOP
I DALLAS HOSE SHOP
P 2755 REGENT BLVD
F DFW AIRPORT TX 75261
R USA
O

LINE	PO LINE	MFG	ITEM DESCRIPTION	ORDER QUANTITY	SHIP QUANTITY	QUANTITY BACK ORDER	UOM		CUSTOMER PRICE	EXTENDED CUSTOMER PRICE
0010	0	1S	156003-6D0274 HOSE: MED PRESSURE,RUBBER	10	10	0	EA		202.62	2,026.20
			BATCH 100101277		10					
0020	0	1S	156003-6D0590 HOSE: MED PRESSURE,RUBBER	5	5	0	EA		242.55	1,212.75
			BATCH 100101278		5					
0030	0	1S	156062D1054D000 HOSE: MED PRESSURE,RUBBER	5	5	0	EA		439.80	2,199.00
			BATCH 100101279		5					

8816-9-28

This is not an Invoice.
For payment processing, please refer to Invoice.

The recipient of these goods agrees to comply with all export regulations governing the transfer, sale, lease, or use of these goods. Diversion contrary to U.S. Law is prohibited.	
CERTIFICATE OF CONFORMANCE It is hereby certified that Aviall Services, Inc., is an approved distributor and meets all requirements of ISO9001, AS9100, AS9120 and AC 00-56 at 2750 Regent Blvd. DFW Airport, Texas. The products, articles or parts referenced on this document are in new or overhauled condition and were purchased from an approved source (FAA, EASA, TCCA, Mil Spec or Commercial). The Original Manufacturers' Certifications are maintained on file at our central office location, and copies are available upon request or at Aviall.com. For overhauled or repaired products, articles or parts, the original FAA 8130-3 / EASA Form 1 (Return to Service) or Yellow Tag, from the FAA/JAA/EASA approved Air Agency are attached to the component.  JR Hofmann, Director, Global Quality	DISCOUNT TERMS APPLY ONLY TO SUB TOTAL. ALL RETURNED MERCHANDISE SUBJECT TO HANDLING FEE. THIS IS TO CERTIFY THAT AVIALl HAS COMPLIED WITH THE PROVISIONS OF THE FAIR LABOR ACT OF 1938 AMENDED. CUSTOMER COPY



A BOEING COMPANY

Commercial Invoice

AVIALL SERVICES INC
2750 REGENT BLVD
DFW AIRPORT TX 75261
USA

Government Transaction Number
NOEEI FTR 30.36
Delivery Number
8003602752
Tracking Number
Commercial Invoice Number
9304456943
Incoterms
EXW Shipping Point
Ship Date
26 September, 2016

Sold To	10003952	Ultimate Consignee	10003952	Ship To	10003952	Freight Forwarder	400010
DART AEROSPACE LTD 1270 ABERDEEN STREET HAWKESBURY ON K6A 1K7 CANADA		DART AEROSPACE LTD 1270 ABERDEEN STREET HAWKESBURY ON K6A 1K7 CANADA		DART AEROSPACE LTD 1270 ABERDEEN STREET HAWKESBURY ON K6A 1K7 CANADA		FEDEX FEDEX NATIONAL LTL INC PO BOX 94515 PALATINE IL 60094-4515 USA Tax Number: 20-4734803	

Comments:

Item	Part Number & Description	Country of Origin	Quantity	UOM	Unit Value USD	Extended Value USD
10	156003-6D0274 - HOSE: MED PRESSURE,RUBBER Export Tariff: 4009220050 Import Tariff: 4009220000 Export Classification: 9A991.d Authorization: NLRAT_SEP_2016 Purchase Order: Sales Order: 1002495278 Customer PN: PO: PO33738	US	10	EA	202.62	2,026.20
20	156003-6D0590 - HOSE: MED PRESSURE,RUBBER Export Tariff: 4009220050 Import Tariff: 4009220000 Export Classification: 9A991.d Authorization: NLRAT_SEP_2016 Purchase Order: Sales Order: 1002495278 Customer PN: PO: PO33738	US	5	EA	242.55	1,212.75
30	156062D1054D000 - HOSE: MED PRESSURE,RUBBER Export Tariff: 4009220050 Import Tariff: 4009220000 Export Classification: 9A991.d Authorization: NLRAT_SEP_2016 Purchase Order: Sales Order: 1002495278 Customer PN: PO: PO33738	US	5	EA	439.80	2,199.00

8016-9-28



A BOEING COMPANY

Commercial Invoice

Delivery Number	Commercial Invoice Number
8003602752	9304456943

Item	Part Number & Description	Country of Origin	Quantity	UOM	Unit Price USD	Extended Value USD
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Gross Value	5,437.95
Add on Charges	
Tax Value	
Freight Charges	
Total Net Value	5,437.95

FOR CUSTOMS PURPOSES ONLY
NOT A BILLING INVOICE

These commodities, technology or software were exported from the United States in accordance with the Export Administration Regulations. Diversion contrary to US laws is prohibited.

SP/6-9-28



Hose Shop 2755 Regent Blvd. DFW Airport 75261
Phone 972-586-1380 Fax 972-586-1381 www.aviall.com

TSO CERTIFICATION

It is hereby certified that (A) The parts and/or materials reflected herein were produced under Federal Aviation Administration approved manufacturing and quality control system/methods as set forth in the FAA issued technical standard order authorizations (TSOA) issued to Stratoflex and (B) such part and/or materials are new and are in condition for safe operation.
Aviall Order Number: 1002495278

Part Numbers:

1. 156062D1054D000 5EA.
2. 156003-6D0590 5EA.
3. 156003-6D0274 10EA.

Signed: _____

Date: 9-26-16

"Aviall is not providing OEM parts. Aviall is an authorized Stratoflex distributor providing TSO assemblies. Numbers referenced per customer requirements are for customer reference ONLY and are in no way intended to be represented as OEM parts. Any reference to an OEM part number does not authorize or reflect installation authority for this part. The installation authority is provided by the mechanic installing this product in accordance with FAR Part 43".

If applicable, satisfactory compliance with the conditions and tests required for TSO approval indicates the hose assembly has met the minimum performance standards as stated in the TSO. Furthermore, it is the responsibility of the installer to determine the installation eligibility and that it will not cause the hose assembly to be subjected to conditions in excess of those for which it has been approved.

FORM# CERT -001